

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor(s): Satoru Miyano, et al.  
Appln. No.: Unknown  
Confirm. No.: Unknown  
Filed: Herewith  
Title: NONLINEAR MODELING OF GENE NETWORKS  
FROM TIME SERIES GENE EXPRESSION DATA

PATENT APPLICATION

Art Unit: Pending  
Examiner: Pending

Customer No.: 23910

22389 U.S.PTO  
10/716330



CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
UNDER 37 C.F.R. §1.10

"Express Mail" mailing label number: EV 362482189 US  
Date of Mailing: November 18, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service, utilizing the "Express Mail Post Office to Addressee" service addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and mailed on the above Date of Mailing with the above "Express Mail" mailing label number.

(Signature)

D. Benjamin Borson

Signature Date: November 18, 2003

UTILITY PATENT APPLICATION TRANSMITTAL LETTER UNDER 37 C.F.R §1.53(b)

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application identified as follows:

Inventor(s): Satoru Miyano, Seiya Imoto, Sun Yong Kim

Title: NONLINEAR MODELING OF GENE NETWORKS FROM TIME SERIES  
GENE EXPRESSION DATA

No. of pages in Specification (including claims and abstract): 28; No. of Claims: 44.

No. of Sheets of Drawings: 6; Formal: ☒, Informal: ☐.

Also enclosed are:

- ☐ A Declaration.
- ☐ An Assignment and Recordation Form Cover Sheet.
- ☐ A certified copy of a priority application.
- ☐ A Power of Attorney.
- ☐ An Information Disclosure Statement Under 37 C.F.R. § 1.56.

The filing fee pursuant to 37 C.F.R. § 1.16 is determined as follows:

☒ Applicant(s) qualify for small entity status under 37 C.F.R. § 1.27.

For	Number Filed	Number Extra	Rate Small Entity/Other Than Small Entity	Total
BASIC FEE (37 CFR 1.16(a))			\$385.00 \$770.00	\$ 385.00
TOTAL CLAIMS (37 CFR 1.16(c))	<u>44</u> - 20	<u>24</u> *	X \$ 9.00 X \$ 18.00	\$ 216.00
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<u>6</u> - 3	<u>3</u> *	X \$ 43.00 X \$ 86.00	\$ 129.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$145.00 + \$290.00	\$
			TOTAL	\$ 730.00

\*If the difference in column 1 is less than zero, enter "0" in column 2.

- ☒ A check in the amount of \$ 730.00 to cover the filing fee (\$ \_\_\_\_\_), and assignment recording fee (\$40.00), if applicable, is enclosed.
- ☐ Please charge Deposit Account No. 06-1325 in the amount of \$ \_\_\_\_\_ to cover the filing fee (\$ \_\_\_\_\_), and assignment recording fee (\$40.00), if applicable.

✓

The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

This application is filed pursuant to 37 C.F.R. §1.53(b) in the name of the above-identified Inventor(s).

✓


This application claims priority to an earlier-filed Provisional patent application, as set forth more fully in this application.

Please direct all correspondence concerning the above-identified application to the following address:

Sheldon R. Meyer  
FLIESLER DUBB MEYER & LOVEJOY LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800

Respectfully submitted,

Date: NOV. 18, 2003

By:   
D. Benjamin Borson  
Reg. No. 42,349

FLIESLER DUBB MEYER & LOVEJOY LLP  
Four Embarcadero Center, Fourth Floor  
San Francisco, California 94111-4156  
Telephone: (415) 362-3800